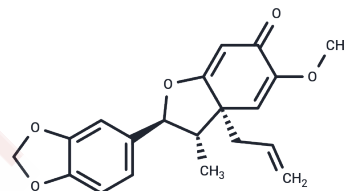


Burchellin

Chemical Properties

CAS No. :	38276-59-4
Formula:	C ₂₀ H ₂₀ O ₅
Molecular Weight:	340.37
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Burchellin has larvicidal activity, it can interfere with the development cycle of the mosquito, where its strongest toxic effect is 100% mortality in larvae (L3) at concentrations \geq 30 ppm. Burchellin and licarin A have activity against Trypanosoma cruzi, they can induce trypomastigote death with IC(50)/24 h of 520 microM and 960 microM, respectively.
Targets(IC50)	Parasite, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.938 mL	14.6899 mL	29.3798 mL
5 mM	0.5876 mL	2.938 mL	5.876 mL
10 mM	0.2938 mL	1.469 mL	2.938 mL
50 mM	0.0588 mL	0.2938 mL	0.5876 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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